

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: rcmorris@mars.ark.com (ray)
Subject: --more tubes--
Message-ID: <199605222243.PAA20820@mars.ark.com>

Greetings,

After I put the first tubes for sale entry here, I discovered another box full of NOS tubes. Heres the for sale list- various quantities from 2 to 10 tubes..

6e5...5824...5965...6072...12AL5....6ax4....6005(6AQ5)...6CL6..6SJ7..

-Thanks and 73.

Ray...VE7FBJ. rcmorris@mars.ark.com

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Allen Tucholski <allent@en.com>
Subject: 2C51 Tubes forsale \$1.50 each
Message-ID: <1.5.4.16.19960523224323.0867619e@en.com>

I have about 100 or so NOS 2C51's Made by Western Electric.
Will sell for \$1.50 each + shipping from zip 44125 (Cleveland Ohio)

Let me know how many you want.

Allen
KB8MTZ

NASA Lewis Reasearch Center
Cleveland, Ohio

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Allen Tucholski <allent@en.com>
Subject: 6AF4A tubes Forsale
Message-ID: <1.5.4.16.19960523225226.0867f8e0@en.com>

I have one hundred NOS 6AF4A /6DZ4 tubes. Made in USA (Sylvania)
selling for \$1.25 each + shipping

How many do you need?

Allen
KB8MTZ
NASA Lewis Reasearch Center
Cleveland, Ohio

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: ks0f@i1.net (MIKE SANDERS)
Subject: 6Meter BAs
Message-ID: <199605232051.PAA23420@mail1.i1.net>

Yep, Just went out to the garage and pulled the Gonset Comm IV for 6 down from the shelf along with the more or less matching triband VFO (eat your heart out). Kicked on the trusty air compressor and cleaned things off a bit. Power up was ok and check out on bench was ok. Now they are above the HQ150 ready to rock and roll. I gotta crawl under the desk and pull the coax off the stripline filter from the TS690SAT and plug the pigtail from the Gonset into the stripline to get on but its no big deal.

BTW I use the stripline for receive! Of course it provides about 70 or better db of attenuation a bit away from the tuned freq but it also does super scrubbing the mess from outside the band. Here channel 2 is so strong I could not use 6 meters without the filter in for RX. Tried it. Gotta have it. Its the old handbook variety and I regularly run 170 watts of SSB into it and have for several years. Soooo, if you have a similar problem with TV overload on your BA for 6 I highly recommend the handbook stripline filter. The Gonset likes it real well.

The old Gonset has a good hot receiver and an effective noise limiter. I can not believe how well it works on the grunge on 6 with minimal signal effect. I have the crystal deck in back loaded too. As soon as I get back on I will be haunting 50.400 too.

Got an Ameco TX62 and 621 triband vfo I guess I can part with if someone wants to put it on the air. I will ship it for about 75 in conus. Nice shape and with manuals. Not sure if they are original or not but I think they are. I will check. It works and those vfos are very stable after warmup.

73 de KS0F Mike
ks0f@i1.net

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: Re: 6Meter BAs
Message-ID: <01I520Y5XV4I004VQN@ACS.EKU.EDU>

..you force me into a cataclysmic decision: time to break out the

ol' Harvey-Wells Bandmaster and put it on 6... and I think I still have the 50.400 xtal left over from late 50's when I had both Novice and Tech license at same time. Would go on HF bands with KN9KHU, then switch to 6 meters and work all the local mobiles (Springfield, Illinois, where most mobile operation was on 6 in late 50's) with the K9KHU call.... about 20 watts plate-modulated AM (two 6L6's to 807), and put it on with the HQ-170.... My curiosity is piqued!!

73, Al N5AIT
modsteph@acs.eku.edu

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: bkh@bwab.se
Subject: 75A4 Selectivity Question
Message-ID: <199605230639.IAA27930@mailbox.swip.net>

May, 20 1996 Grant/NQ5T wrote that he observed a leakage around the mechanical filters in his recently modified Collins 75A4.

I have since 1962 on my operating table a 75A4, s/n 5018 in its original form without any kind of modifications.

The filters are F455J-0.5, F455J-21 and F455J-60 and the leakage around them are the same as described by Grant. 0

Reason ? I must admit that I have not given it much thought as it's a minor problem in practical use of this superb piece of equipment.

Could it be due to the construction of the J-type filter with in- and output connections on the same side?

Maybe someone else with Collins knowledge can produce a better answer based on more wisdom.0

73, Bengt SM7BKH bkh@bwab.se

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: "Grant Youngman" <nq5t@gte.net>

Subject: Re: 75A4 Selectivity Question

Message-ID: <199605231226.HAA01018@uro.theporch.com>

> May, 20 1996 Grant/NQ5T wrote that he observed
> a leakage around the mechanical filters in his
> recently modified Collins 75A4.

I prefer to call this an "engineering update" rather than a
modification :-)

>
> I have since 1962 on my operating table a 75A4, s/n 5018 in it's
> original form without any kind of. modifications. > The filters are
> F455J-0.5, F455J-21 and F455J-60 and the leakage around them are
> the same as described by Grant.

> Could it be due to the construction of the J-type filter
> with in- and output connections on the same side?

Bengt & the group ...

I don't think its related to the filters. In my case, the leakage
is there even if all the filters are pulled. One list member
suggested that it may be due to radiation from the 2 mh V5 plate
inductor, which in my case is a simple radial-lead Hi-Q choke from
Mouser -- and is probably also a non-toroidal inductor in the later
Collins design as well.

I'm contemplating the pain of winding a toroidal 2mh choke (60+ turns
of #30 wire on an FT-50-43) this weekend to see if this cures or
reduces the problem.

Grant/NQ5T

Grant Youngman / NQ5T
nq5t@gte.net
[HTTP://home1.gte.net/nq5t/index.htm](http://home1.gte.net/nq5t/index.htm)

Beautiful downtown Double Oak, TX
(near Dallas, if you must know)

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: "Allan Fritsche" <fritsche@msn.com>

Subject: Al's experience with Neons

Message-ID: <UPMAIL03.199605230052040082@msn.com>

Gang, About 20 something years ago, While I was working for Southwestern Bell, The union was about to call a strike. My wife was nervous and said go out to the little companies on the North side of Houston and see if you can moonlite. BTW I divorced her a year later. At the time there was a small company called Home Telephone that had the Humble, Texas exchange.\n i.e.Non-Union.

I went on a Saturday before the Sunday midnight deadline and was treated very nicely. The manager of the place showed me around and it was a brand new Strongberg-Carlson X-Y Cross Bar office.

While on the tour I saw a small bay with a cover plate on front. I said whats that and he replied, thats the ANI matrix switch. For non Telco people thats Auto Number Id. I said why was the cover plate on and he popped it open. Low and behold a Godzillion NE-XX tubes in some kind of matrix and above it all a fluorescence lite. I said whats the lite for and he stated.

Well , we closed the office at 5:00 and turned off all the lites. For a year we did this and SouthwesternBell was bitching and moaning about ANI failures into the Big Houston Switches downtown. He said we hired a local engineer and after looking over the situation he realized that the Neon Bulb's wouldn't fire accurately after the office lites where turned off. Thus the Fluorescence Lite remained on at all times. FIXED the problem.

The above is a little bit of trivia from my life and NEON TUBES.

Actually nothing new there, But why didn't Stromberg's engineers know about it in the first place. I'll never know.

Your Friend

Al

fritsche@msn.com

From boatanchors@theporch.com Thu May 23 13:14:43 1996

From: "Roberta J. Barmore" <rbarmore@indy.net>

Subject: ba net on 3.58

Message-ID: <Pine.SUN.3.91.960523075520.7699C-100000@indy2>

Hi!

Well, I *heard* the checkin around 10pm EST-NA last night...or some of it. One of our neighbors must have insomnia, as the colorburst QRM has

been S9+ of late. Copied NA4G (S7, QSB) and a WA2 (call escapes me and it's two flights down to look it up) about the same level, but nobody else--and Bob listed a lot of other calls. Tried to check in, but the 6L6 job wasn't getting out. :(If I QRMed anyone, sincere apologies; did more listening than calling but couldn't be sure.

...It may be time to see if one of those sand-state noise eaters that works at RF will do any good. Gee it's fun to live in town....

The temptation is to get the Millen 90800 running--a few fixed caps and a homebrew PSU will do it (and, of all places, Surplus Sales of An Unnamed Midwestern State sold me the PSU iron at a decent price). But I dunno--if you can't hear 'em, you can't work 'em, and I wasn't hearing most of 'em. Drat!

73,

--Bobbi

(Frustrated? Me? Naww--I used to run a 4W Heathkit).

From boatanchors@theporch.com Thu May 23 13:14:43 1996

From: rdkeys@csemail.cropsci.ncsu.edu

Subject: Re: ba net on 3.58

Message-ID: <9605231441.AA100145@csemail.cropsci.ncsu.edu>

> Hi!

>

> Well, I *heard* the checkin around 10pm EST-NA last night...or some of
> it. One of our neighbors must have insomnia, as the colorburst QRM has
> been S9+ of late. Copied NA4G (S7, QSB) and a WA2 (call escapes me and
> it's two flights down to look it up) about the same level, but nobody
> else--and Bob listed a lot of other calls. Tried to check in, but the
> 6L6 job wasn't getting out. :(If I QRMed anyone, sincere apologies; did
> more listening than calling but couldn't be sure.

We had about 6 folks check in last night, everywhere from Canada to New Orleans and all in-between. BA/GB folks don't QRM, it is that dern RTTY station on 3580 that give me most fits. It makes copy of weak signals 0.5 khz down a bit rough, sometimes, for this ol' Pfarte.

Keep trying, I heard you, but you were too weak to copy here, reliably. The ol Tuffy 6L6 was hearable, but probably needs a bit better antenna than the random randomwire that you run. I could recommend 65 feet up and a 65 foot counterpoise wire just laying on the ground. That has always worked fine for me, although I am currently using 130 feet up and out as a more or less L and a 65 foot counterpoise wire.

Try to jump in when spaces are left between operators, or when I call with ``ANI MORE BA IMI DE NA4G K'' or ``AS AS CQ BA DE NA4G K'' or at the tail end of an operator's round just as he is passing the baton

to the next in the group. I can usually hear anyone there, and I will interrupt the roundtable to call for the new station trying to check in. If I don't hear you, try again. Don't worry about QRQ or QRS but hold the key down for about 1 second on one second off and one second on. That should clearly break anyone, and then check in. If I don't hear the new checkin very well, I will ask for a relay checkin something like ``QSP QRZ BA IMI DE NA4G K'' and someone else will pass your checkin along to me.

> ...It may be time to see of one of those sand-state noise eaters that
> works at RF will do any good. Gee it's fun to live in town....

I have tried one of the RatShack dsp boxes, and it works fairly well in some instances on the regen receiver I use. On 40M there is a bad frequency skittish noise source around here that occupies a 25khz band and scurries up and down the band between about 6800 and 7100 khz. It drives me up the wall. It is clear on 40 when that noise source is off, and 20 over 9 when it is on. The dsp box drops it down to s7 or so.

> The temptation is to get the Millen 90800 running--a few fixed caps
> and a homebrew PSU will do it (and, of all places, \$urplus \$ales of An
> Unnamed Midwestern State sold me the PSU iron at a decent price). But
> I dunno--if you can't hear 'em, you can't work 'em, and I wasn't hearing
> most of 'em. Drat!

Oh, do.... that would be a find rig if that is the Millen thing using the 807 final. That would get through very well.

> 73,
> --Bobbi
> (Frustrated? Me? Naww--I used to run a 4W Heathkit).

If you can, try putting up the 65 up and 65 out antenna on Tuffy 6L6. Well, I could use the 350mw Baby Hartley running the 6J5 on 48 volts, instead of Big Bertha Radiomarine at 50-200 watts, but don't worry about the power. I hear most folks quite well running less than 10 watts. Most seem to use about 50-75 watts.

Hang in there! Go for it!

73/ZUT DE NA4G/Bob

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: lkayser@WorldLink.ca (Larry Kayser)
Subject: BA Operator, K0CDJ
Message-ID: <199605231057.GAA09995@beacon.WorldLink.ca>

K0CDJ has been operating on 40 M CW lately giving his rig as "BC348 es Viking Ranger es Blue Racer Key". If he is not one of us, he should be! Nice CW signal, I have heard him several times while commuting in my mobile.

Larry
va3lk / wa3zia

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: BC-458 wanted
Message-ID: <Pine.ULT.3.91.960522172824.2822A-100000@admin.aurora.edu>

Looking for a BC-458 to use as VFO for 20A exciter. Want fairly clean unit, unmodified except it need not have the loading rollover coil or relay.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re: Beware Navy Publications
Message-ID: <Pine.SV4.3.91.960522120048.25110A-100000@uhunix3>

Hi Stan,
You have to understand that the military is not used to dealing with civilians, especially in the sale of property. I'm surprised that they even agreed to sell you a manual. Usually, the sale of military property is handled by a third party (another govt. office), for most military offices are not set up to even handle money.

Requisitions for property go through a maze of paperwork that does take months. As a civilian you're used to businesses waiting on you hand and foot so as to win you as a repeat customer. But the military couldn't care less about pleasing you, a mere civilian! Their mission doesn't include pleasing anyone (except the CO!).

73 from Hawaii,
Jeff KH2PZ (former US Coast Guardsman)

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: provero@connix.com
Subject: Re: Beware Navy Publications
Message-ID: <199605230047.UAA29547@comet.connix.com>

You don't have to be a civilian to get the cold shoulder from the Navy Pubs and Forms Center in Philadelphia. I did 21 years in the canoe club and it was almost impossible for us to get manuals for some pieces of gear. The problem was particularly bad for gear that came from another community (subs, air, spooks, etc) that wasn't on your regular "allowance".

P.J. "Josh" Rovero email: pjr@ocean-surveys.com Ocean
Surveys, Inc. www: <http://www.ocean-surveys.com> 91
Sheffield Street vox: (860)388-4631 Old Saybrook, CT 06475
fax: (860)388-5879

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: azkb7ryu@aztec.asu.edu (JOEL N. STEENIS)
Subject: Boatanchors For Sale
Message-ID: <9605240146.AA22740@aztec.asu.edu>

Hi Gang -

I have the following items for sale:

Multi-Elmac AF-67 transmitter and PMR-6A receiver with manuals
\$75.00

Heathkit DX-60B transmitter with HG-10B VFO \$125.00

Heathkit SB-610 Scope with manual \$75.00

50's NewComb Headphones \$5.00

Original Heathkit HW-16 manual \$5.00

ARRL Understanding Amateur Radio \$5.00

Basic Electrical Engineering, 1945, \$5.00

Box of Motorola two-way radio parts and mod kits from 50's and 60's \$15.00

Please note these prices do *not* include shipping.

73, Joel KB7RYU

azkb7ryu@aztec.asu.edu

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: howellh@winthrop.edu
Subject: Bob Inman
Message-ID: <96052223443504@winthrop.edu>

WINTHROP UNIVERSITY

Electronic Mail Message
Date: 22-May-1996 11:43pm EDT
From: Haney Howell
HOWELLH
Dept: Mass Communication
Tel No: 323-4534

TO: Remote Addressee (_smtp%"boatanchors@theporch.com")

Subject: Bob Inman

Did you see Bob Inman's announcement that he's leaving WBTV on June 21st?
Talking about a full-time writing career. Looks like Miller is running out of
bodies.
Haney

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: ks0f@i1.net (MIKE SANDERS)
Subject: Boohoo and single conversion
Message-ID: <199605231351.IAA28826@mail11.i1.net>

Greetings All,

I wish the CB foul mouth trucking that went on for hours on 10
meters was due to single conversion blues. Unfortunately it was not.
I have a B&W 375 protax switch in line for exciters. It switches from
6 rigs through a big MFJ tuner and Drake 3300 lp filter to a 4 position
single coax remote switch by Ameritron. I can switch between a
Kwood TS850SAT, Kwood TS690SAT, Icom IC706, HQ150-Valiant,
HQ100-Knight T50, or Ranger - HQ110. The Ranger is on a 2nd

B&W switch which feeds a Drake 2B-DX60B/HR10B-Johnson TR switch, National HR050T1 and National NC183D. I wish it were just a matter of single conversion bugaboo. But it is honest to God BA sadness. They were on AM by the way. I found a conversation on 29.103 that I did not listen to long but think it was also CB. The 29.000 freq had other sigs on it that were of a CB origin too but 2 truckers in particular held forth for at least a couple hours while the E skip held stable.

Late May, June, July and early August get them BAs up on 10 meters when you can. The largest number of BA types have the most to lose from losing the 10 meter AM window. Obviously more BAs can be operated here than anywhere else in the ham hf freqs. It should be worth populating and protecting.

I don't want to get on the soap box here on BA guys but it is important to exercise those BAs when the time permits. Being able to operate the Old Stuff is a pretty important part of BAing for some of us. With no place to operate these things and nothing but broadcast to listen to they lose value for some of us.

I am currently off all bands due to a "little hometown jam" but should be back on in a week or so when new antenna feed is run in a neighbors home. A friend of mine is doing the job. I have TVI on all bands due to twin lead from the antenna on the roof being twist spliced and black taped in the basement to feed two TVs! Their picture is pitiful and we are in a hard limit location for all local TV channels. This is a mean long story in itself not for here. I do a lot of 6 meter weak signal stuff about now and the Ranger and HQ110 are on everyday this time of year looking for E skip openings on 10 meters. The Ranger is getting pretty antsy and the HQ110 is bewildered as to why we are not on 10AM right now. See you all there in about a week or so.

73 de KS0F Mike

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: bill@skeeter.frco.com (William Hawkins)
Subject: RE: Bucking Transformers
Message-ID: <9605231630.AA10035@skeeter.frco.com>

Somebody asked about how the power company turned up the volts, and I didn't see an answer, so I'll give it a try. It isn't by speeding up the generator. The generators have to run at a speed that gives 60 cycle power, or bad things happen. But if you turn up the voltage to the rotating field coil to increase the magnetic field in the generator, the output voltage will rise. If the load on the generator was just motors, the current would drop as the voltage rose. That gives the power company more distribution capacity, because they are more limited by current (circuit breakers) than they are by voltage (transformer ratings). But, some of the load is resistive, like lights and

stoves, so power will go up as voltage goes up. That means the governor on the generator must allow more steam into the turbine, which costs more in fuel.

Seems like it's a balancing act for the power company. No doubt some computer program figured out that optimum cost occurred near the upper voltage limit of the system. But then, I don't work for a power company, or know anyone that does, so this explanation is worth what you paid for it.

Bill Hawkins bill@bvc.frco.com

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Chuck Penson <penon@sci.mus.mn.us>
Subject: Re: Bucking transformers...
Message-ID: <31A480F4.4214@sci.mus.mn.us>

I'm looking for a copy of the manual for a Heath IT-28 capacitor checker. Can anyone help me out?

Thanks!

--
Chuck Penson
Education Division
Science Museum of Minnesota

penon@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
<http://comped.sci.mus.mn.us>

Standard Disclaimer: The opinions expressed are etc. etc. ...

"Nothing is too wonderful to be true" -- Michael Faraday

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: "Stiles, Daniel F." <dstiles@inetgate.ushmm.org>
Subject: catalog
Message-ID: <9604238328.AA832868763@inetgate.ushmm.org>

Good morning to all-

Have discovered a company new to me maybe to some in group.

The company is All Electronics with stores in LA and Van Nuys.

They sell a lot of closeout items but what caught my eye was tube sockets of many types at what appear to be good prices.

I also remember some exchanges about the price of fuses. These guys have many many different kinds at great prices.

Toll free number is 1-800 826 5432
Local number is 818 904 0524

email is allcorp@allcorp.com
WWW site is <http://www.allcorp.com>

I have no ties or affiliation with the company nor can I vouch for their business practices as I have not ordered from them yet.

73, Dan KB1BG

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: "Gable, Edward M" <emg@rfpo2.rfc.comm.harris.com>
Subject: RE: Coax Question
Message-ID: <31A44830@smtpgate.rfc.comm.harris.com>

<snip>

One of my local junk dealers has a huge box of RG-11 sections. The catch is that the manufacturer is listed as IBM. Anyone know anything about this cable? Like loss/100ft at 100mHz or anywhere above.

73 Terry O' WB9GVB

<snip>

Terry: RG-11 is 75 ohm coax, at 100 mHz loss is 2.2 dB/100 feet, max power 650 watts, mfg reco for use <100 mHz, PVC jacket, single bare copper shield. 73, Ed K2MP @ Rochester <emg@rfc.comm.harris.com>

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: "JOHN A. KING (WA1ABI)" <JAK@SUD2.ED.RAY.COM>
Subject: CQ 6M BA DX
Message-ID: <01I51RA62XIA93A33A@SUD2.ED.RAY.COM>

Hello all,

E-season is here and last night 6 meters was open into 4-land and 9-land here in RI from 2100 - 2300 EDT. I heard lots of SSB and CW activity, but as usual, nil on 50.4 AM. After calling CQ 'til I was hoarse, a chap with a horribly misadjusted ricebox returned my call, amused that I was running "Ancient Modulation." Sigh...

So, ladies and gents, stoke up those Goonie Boxes, the Cleggs, and the Benton Harbor Lunchboxes and get on 50.4 AM. My little G-50 will be QRV on 50.4 every evening throughout the E-season. Hope to work some of you fine folks on 6.

73,

John King WA1ABI Portsmouth, RI FN41

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Colin Fester <lockman@ois.com.au>
Subject: CRYSTAL Sets
Message-ID: <199605230917.RAA23760@owl.ois.com.au>

Hi from OZ
I am chasing crystal detectors the ones released after the original cats whisker They had a piece of galena with a little wire on the hot spot all encased in a sealed glass tube
Also if anyone wants any unusual crystal set diagrams...I probalby have them let me know of any you want also is there any other crystal "nuts" amongst the group?

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Jim Dillon <beadgal@ptialaska.net>
Subject: Re:Crystal Sets
Message-ID: <01BB486C.A24DDBE0@juneau_38.dialups.ptialaska.net>

Hi Colin and Galenists-
A good resource for crystal sets is "Radios That Work For Free" by K.E. Edwards (instructions and theory for buiding many...140 pgs.) available from Antique Electronic Supply No. B-341 @\$8.50

I wonder if anyone has applied a crystal (or active circuit powered by = detected RF energy) set to the late model passive Walkman speakers like Sony's = P3.
These are incredibly efficient reproducers (albeit low Z-about 60 = ohms)Iwhich

give speaker convenience from headphone level output. I would be interested in any circuits using voltage multiplication and/or = self-powering of active circuit through RF detection that would be = suitable for driving such a load.=20
AES also has galena xtals pot mounted PQ-111 \$2 and cats whiskers springs PH-415 3/\$1.30 and a neat but pricey Italian vintage detector assembly w/crystal for \$15 PM-165..Also 4" Ferrite rod PC-187 \$2.60
Yes, it all started with my Cub Scout Crystal Set kit in the blue and = yellow box (still have it).
Jim Dillon beadgal@ptialaska.net.

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re:Crystal Sets
Message-ID: <Pine.SV4.3.91.960523060509.17592C-100000@uhunix3>

There is a crystal radio society - you get 6 newsletters per year, and all their back issues have been bound into a four-volume handbook. Cost is \$9.95 in US, \$11US in Canada, and \$16US outside North American.
The XTAL SET SOCIETY
PO Box 3026
St Louis MO 63130 USA

(Info taken from Lindsay's catalog)

Jeff KH2PZ

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Al Klase <alklase@postoffice.ptd.net>
Subject: Re: CRYSTAL Sets
Message-ID: <199605231700.NAA20423@ns1.ptd.net>

At 03:01 AM 5/23/96 -0500, Colin Fester wrote:

>...also is there any other crystal "nuts" amongst
>the group?
>

I too have been wondering about whether there are any crystal set guys out there. My interest is primarily the construction of high-performance sets, and coming to understand what the technical limitations are. With my current reference set I can ID AM BC stations at an input signal level of about -50dBm.

If this is too far off topic, (not heavy enough?), perhaps we should

73,
Al Klase - N3FRQ
alklase@postoffice.ptd.net
Flemington, NJ

(1) The type of crystals described by Mr. Lockman sound like WWII vintage UHF mixer diodes - they had low 1N numbers like 1N21.

The Xtal Set Society
PO Box 3026
St Louis, MO 63130
314-725-1172

```

..also is there any other crystal "nuts" amongst
> >the group?
> >
> >
> ...

```


> If this is too far off topic, (not heavy enough?), perhaps we should
> locate or start another mailing list,

I think this is a *wonderful* idea!

Jack, what do you think? Should crystal set discussions stay here or should a separate list be set up? (No, I'm *not* volunteering! When I approached Phil regarding him hosting the GB list, I never told him I wanted to be list owner. I was surprised he made me such and quickly gave it over to someone else.)

Jeff KH2PZ

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Does it get Hot in Texas.
Message-ID: <UPMAIL03.199605230052050884@msn.com>

Gang, a couple of nites ago, I took my little HR-10B down to the garage work bench. For some reason it would not power up. Alas, after troubleshooting, I discovered that the 6.3 volt filament portion of the main transformer had opened up. Naturally I disconnected all the leads to the filaments for testing and left them that way until I had time to troubleshoot.

I got another project the next day and had (Horrors of Horrors) to drag the scope out. GOD it was hot in the garage. I did that little project and forgot about the little HR-10B.

After work today, I came home and after letting the Dogs out, decided to go out to the bench for a minute. I thought I was plugging in the scope, but got the cords wrong. Instead I plugged in the HR-10B with no filament voltage.

The radio came up to speed Loud and Clear. It's amazing what a 200 Degree garage will do for a set.

BTW, I plan on leaving this little set in the garage at least thru the summer. Big problem will be aligning with the garage doors closed. May DIE from heat stroke.

Your Friend
Al
fritsche@msn.com

From boatanchors@theporch.com Thu May 23 02:10:32 1996

From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: Re: Does it get Hot in Texas.
Message-ID: <199605230307.WAA27097@dlep1.itg.ti.com>

At 07:55 PM 5/22/96 -0500, Al Fritsche wrote:

>

>The radio came up to speed Loud and Clear. It's amazing what a 200 Degree
>garage will do for a set.

>

>BTW, I plan on leaving this little set in the garage at least thru the summer.
>Big problem will be aligning with the garage doors closed. May DIE from heat
>stroke.

I have most of my "junk" in the garage as well (Dallas / Fort Worth area) and plan a minor modification to the garage to improve the heat situation. I visited a friend a week ago who had just installed insulation sheets into the panels of his steel garage door. Apparently, the stuff comes sized precisely for the application and is relatively cheap, less than \$100 for 16 feet of garage door. This should work well at my house as the garage is insulated and has the house second story above it. My "junk" should fare well this summer.

Regards,
Bill Sorsby, N5BU bill.sorsby@dlep1.itg.ti.com

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: "Barry L. Ornitz" <u856010@eastman.com>
Subject: Electric Power Meters
Message-ID: <Pine.ULT.3.91.960522195150.6097E-100000@dua150.kpt.emn.com>

On Wed, 22 May 1996, Lenox Carruth asked:

>

> Interesting about paying more for electricity as the voltage goes up. I
> don't know how the common electric meter is made. Is it truly a power
> meter or is it voltage dependent?

No, it is truly an ENERGY meter, but naturally it is voltage dependent. It measures real energy, i.e. the time integral of $E \cdot I \cdot \cos(\theta)$, for all power factors down to around 5 to 10%. Remember the indication is expressed in Kilowatt-Hours. The same basic design is used today that was developed in the early 1920's. Digital dials may have replaced the clock-like displays, and you might even find an integrated circuit or two in the latest versions, but the same basic meter movement is still used.

a pilot's ground school course (so as to operate the radio in an airplane). Now you're telling me that I can operate a broadcast station with that little item? This is scary. Where the heck are our country's standards going?

Phooey. I'm going to the beach for a swim.

Jeff KH2PZ

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Tom Norris <badger@telalink.net>
Subject: RE: FCC exams
Message-ID: <2.2.32.19960522123631.006dfd50@telalink.net>

At 09:56 AM 5/22/96 -0500, you wrote:

>Back in the early 80s I heard that the FCC was going to (or had already)
>discontinued their Radiotelephone license exams and certifications. The
>same source claimed that if one wanted to continue his technician
>certification he would need to obtain a National Association of Business
>and Educational Radio (NABER) certification. At that time, all holders
>of the FCC 1st and 2nd licences would be grandfathered into the NABER
>certificatiion. I did so at that time, and not too long ago renewed
>that. I'd be surprised to find that the information I received was
>>false, and that FCC has not discontinued their radiotelephone testing.

>

Got General Class (used to be 1st class) Phone back in 1984.

I missed out in getting my NABER for free by only a short time.

Either that or I failed to send NABER a copy of my license. *sigh*

Last time I checked the FCC licenses are around. I think the tests are given through Sylvan Learning Centers and such.

The FCC WWW Page is <http://www.fcc.gov/Welcome.html>
They do have some nifty stuff there....

Tom KA4RKT
badger@telalink.net
>--

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: RE: FCC exams
Message-ID: <66905.ddillman@igc.apc.org>

On Wed, 22 May 1996 11:13:51 -0500 (CDT),
Roberta J. Barmore <rbarmore@indy.net> wrote:

>agreement, I'd be surprised to find the radiotelegraph licenses
>gone--betcha they even still require a "passport photo" with your
>application!

Absolutely, at least as recently as my last renewal. I even dusted
off a sports jacket for the pic so I'd have a place to wear my gold
"chained lightning" radioman's insignia.

By the way, I have the same insignia in gold leaf on the midnight blue
tanks of my Harley. Sanzzy or what?

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: k1zat@dsport.com
Subject: RE: FCC exams
Message-ID: <Pine.SOL.3.91.960522202626.24312B-100000@puff>

On Wed, 22 May 1996, Jeffrey Herman wrote:

> Now wait a minute. I received one of these back in '71 while taking
> station with that little item? This is scary. Where the heck are
> our country's standards going?

To you know where in a hand basket.

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: "Barry L. Ornitz" <u856010@eastman.com>
Subject: Filters, Collins and others?
Message-ID: <Pine.ULT.3.91.960522183931.6097B-100000@dua150.kpt.emn.com>

On Tue, 21 May 1996, Bill Sorsby, N5BU, wrote:

> From the rigs I've got I know of two manufacturers for mechanical filters;
> Collins in my R390A and SB-34 and Kokusai in my KW2000B and Lafayette
> HA-350. Does anyone know of other manufacturers of mechanical filters and
> were the mechanical filters in some R390A's something other than Collins.
> In any event, did Collins license the technology to others? Was perhaps

> even Kokusai licensed by Collins?

I have seen Bendix mechanical filters but since Collins was owned by them at the time, I am not surprised. I do not know about Kokusai, but the disc-wire technology of Collins was fairly sophisticated.

> I'm curious why mechanical filters seem to have been superceded by crystal
> lattice.

The lattice filters are far easier to manufacture. Crystal impedance is relatively constant for a given batch of crystals with the same cut so the individual crystal frequencies are well defined. This makes manufacturing much easier. The disc-wire filters of Collins must have been a bear to tune. More modern computer design also improved the performace of crystal lattice filters.

> All the mechanical filters I've got work well, especially the ones
> in the R390A and KW2000B. The miniature Kokusai in the HA-350 must have
> been cheap to manufacture as I've read reports that it sold for \$10. The
> much larger Kokusai in the KW2000B, BTW, is an extremely large filter
> packaged similarly to the metal can electrolytics, although somewhat larger.

I have had one Collins disk-wire filter to go microphonic. Other problems have normally been an open winding in the driver/receiver coils. I have a pair of the Kokusai filters with data sheets somewhere around the house. These are 455 kHz USB and LSB filters. They have much better specs than the old Lafayette filters made by Kokusai. Having never seen a KW2000 filter, I cannot say if these are the same.

Collins now sells a pair of "low-cost" torsional filters, symmetrical ones with 2.4 kHz BW for SSB and 400 Hz BW for CW. The design of these filters has also been aided by computer design methods. Unfortunately these are relatively low impedance filters, around 2 Kohm. Prices are still somewhat steep unless you are willing to order 100 or more. I have been looking at these filters for my modification to improve the filter skirts on the Drake R-4 line of receivers.

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Philw7xk@aol.com
Subject: For sale: National FB-7 receiver
Message-ID: <960523124912_308112178@emout13.mail.aol.com>

Greetings gang,

Have for sale the FB-7 with homebrew power supply. Also an original set of

40 meter bandspread coils and a set of homebrew 20 meter coils on original coil forms.

Contact me at: philw7xk@aol.com and thanks.

73 from Oregon,

Phil, w7xk

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Michael Crestohl <mc@shore.net>
Subject: FS: Collins CP-1 Crystal Pack for S-Line/KWM-2/2A
Message-ID: <199605231907.PAA05991@northshore.shore.net>

Hello Boatanchorites:

I have a CP-1 Collins crystal package for the S-Line & KWM-2/2A radios that contains all the crystals used to cover the full range of this radio.

The ham band crystals were not included in the CP-1 because they are normally in the radio. Pouches for them are in the CP-1 because not all these radios were used on the ham bands.

Price is \$125.00 including UPS in the USA. If interested please reply by e-mail.

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

From: bgraham@tecnet1.jcte.jcs.mil
Message-ID: <199605231928.0AA29627@uro.theporch.com>

HELP!

Need the following Heath SB301 parts:

AM filter model # SBA-301-1

Zero Set Drive Pulley 100-445

Zero Set Knob 462-175

I think the parts from any SB series will work.

Bill

N5LMX/DA1WG

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Michael Crestohl <mc@shore.net>
Subject: FS: JOHNSON VIKING VALIANT PARTS RADIO/CARCASS
Message-ID: <199605231246.IAA03676@northshore.shore.net>

Hello Boatanchorites:

I have a Johnson Viking Valiant parts rig to sell. It has the power and modulation transformers, chokes, etc, many of the controls and other parts, In my opinion it is not restorable but there are lot of good parts on the carcass. Its kinda heavy and big and so I'd prefer local pickup/delivery or will bring to the Rochester NY hamfest next weekend. Price is \$40.00

If interested please reply by e-mail.

Michael Crestohl, KH6KD/W1
mc@shore.net

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Tom.Daley@530.gigo.com (Tom Daley)
Subject: fs: lafayette ha-350
Message-ID: <987_9605222018@gigo.com>

hello for sale lafayette ha-350 hf ham band receiver. in good shape and works good. covers 80 thru 10 meters. features mechanical filter, 100hz calibrator, s-meter and usb/lwb/am modes. with original manual. \$90 plus ship thanks tom
ps still have trio r9-59 general coverage rx (circa '64) gud condx \$85 w/manual
--
: Fidonet: Tom Daley 1:203/530 .. speaking for only myself.
: Internet: Tom.Daley@530.gigo.com

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Michael Crestohl <mc@shore.net>
Subject: FS: Neat old Zenith radio - Model 6G601M
Message-ID: <199605231709.NAA28230@northshore.shore.net>

I guess this is questionable as to whether it is a boatanchor or not, but since it came with two other ZENITH Trans-Oceanic radios maybe it'll slide through.....

I recently received this fine ZENITH radio in a trade and it doesn't quite fit into my collection. It is a portable broadcast band radio, both battery and AC operated. Uses Loctal tubes. The cabinet is fabric covered wood and is in pretty good condition although it could use a good cleaning. The inside is very nice and the radio plays nicely. The speaker cloth has an embroidered sailboat on it. The Wavemagnet is shaped like a magnet and is in excellent condition with the suction cups, etc. The leather handle on the top is missing but the radio seems to be complete otherwise.

It looks kinda neat and I wish I had room for it, but.....

The price for this radio is \$65.00 plus UPS. If interested please reply by e-mail.

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Andy Wallace <wallace@mc.com>
Subject: FS: Radio "Beam Filter" (good CW audio fil)
Message-ID: <9605230128.AA02265@daffy>

Hi!

I have another small item. This is a RADIO BEAM FILTER. These were used when receiving the x-y style navigation beacons. One direction you'd hear a tone, another direction you'd hear a beeping (I think). Anyway, this unit is a small (perhaps 6x4x2") wedge shaped black wrinkle box with two phone jacks, a 6' rubber cord with a 1/4" phone plug attached, and a switch labelled RANGE, PHONE, and BOTH. The Range position is an audio peak at (mumble) cycles -- sounds like maybe 1 kc. The Phone position is a notch at that freq. Both passes....both! Not too bad for a CW filter if your vintage rig is wide.

Condition is fair (some paint has flaked off the mounting lip, front panel and most of case are okay) and I have

tried it out.

How about \$15 plus shipping? Markings are NAF 68304, and serial is 68. As usual I'll wait a week and draw from a hat if there is more than one person interested.

I'd keep this except I have another -- new-old-in-the-box!

73,
--Andy
wallace@mc.com

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: John Wieder <jwieder@gunnison.com>
Subject: Hallicrafter Needs
Message-ID: <199605230050.SAA03153@gunnison.com>

I have a couple projects going and in need of some finishing touches! I'm looking for two items:

1. A main tuning knob for the SX16 - steering wheel type - believe this is the same one used on the SX28 but without the chrome tuning flange.
2. Does anyone make a silk screen for the front panel lettering of an SX24? Or has anyone tried this approach for lettering?

BTW I am also looking for a HT17 and SR75.

Thanks in advance for any help on the above. 73

John WA0JYJ
jwieder@gunnison.com

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Jim Dillon <beadgal@ptialaska.net>
Subject: Heath SB-310: pre-amp?
Message-ID: <01BB4804.73AE6A60@juneau_100.dialups.ptialaska.net>

Hi Green Machinists-

Thanks all for the help and info on my impending acquisition: One more question: Did these have a pre-amp or preselector of some type which was or wasn't an option? Or is it a known mod? On this subject it isn't there, but a switch exactly matching other panel switches has been added ostensibly for a 'pre-amp'.

Did the SB-310 need one or is it like pre-amp on R71 (counter-productive)?

BTW there are three more cans of Krylon Medieval Azure at the Juneau K-Mart if anyone needs 'em (about \$6 shipped). Speaking of paint (who was?) is Schoolbus Yellow a good Conelrad/Civil Defense color for Communicators, Geiger Counters and such? Thanks Jim Dillon beadgal@ptialaska.net

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Heath VF1 VFO drift cures
Message-ID: <Pine.ULT.3.91.960523103635.21380A-100000@admin.aurora.edu>

After a couple of weeks of messing around with my "new" VF1, obtained at the DeKalb hamfest, I have it pretty well tamed into a decent unit. Yes, it's modified, but not visibly. There are 2 problems to lick: thermal drift and mechanical stability (or maybe I should say electro-mechanical). The main mods consist of:

- 1) Remove the VR tube and its 15K wirewound resistor from the unit. Build a separate 150V regulated supply. Keep the supply (at least the filament) running all the time, or at least allow 1/2 hour for stabilization. Most of the drift is just due to the tube warming up (I tried 3 different new tubes and all were the same).
- 2) With the new power scheme, the plate circuit is run off the 150V and I added a 10K resistor between the 150V and the osc screen grid.
- 3) Disconnect the RF choke & bypass cap from the key jack. Add a 220 ohm resistor between this point and the jack.
- 4) Rewire the regulator socket to accept a 6C4 cathode follower.
- 5) The major mechanical stability problem is caused by the wire running from the junction of the 40 meter coil & tuning cap, to the bandswitch (this allows switching in an additional trimmer under the chassis for the 11 meter function). This is an extremely high impedance point and ANY movement of this wire causes BIG frequency changes. If you don't need the 11 meter function, remove the this wire that runs between the coil/cap and the switch. Now if I move the bandswitch instead of jumping several hundred Hz, it may only move 10 Hz or so.
- 6) Put ONE drop of 3-in-1 oil on the tuning shaft (the one with the big knob).

After doing these mods, steady key-down drift is less than 20 Hz over a 10 minute period (once it has warmed up for 30 minutes).

If you want the fine details, send me a SASE.

Bob Roehrig
314 S. Harrison St.
Batavia, IL 60510

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Jack Ponton <jwp@chemeng.ed.ac.uk>
Subject: Heathkit DX40-U
Message-ID: <199605231737.SAA25981@mhor.chemeng.ed.ac.uk>

Hello from GM-land, now also MM-land as they started issuing a new set of call letters last month.

I've just resubscribed to the BA list after nearly a year off (I didn't have time to read all the mail...)

Last weekend I managed to buy a Heathkit DX40-u in really nice condition, but totally without information. These are rather rare radios over here, and I'd greatly appreciate any data, especially a photocopy manual. Costs cheerfully refunded if we can manage the international finance somehow.

If someone can mail me a summary of the tune up procedure, which I assume is conventional, but I'd like to know if there are any funnies to watch out for, I'll be able to get it on the air.

Other information which would be helpful would be:
. type of mic, crystal, dynamic (or carbon??)
. I think there's a VFO input. What sort of drive is needed?

Thanks and 73,

Jack, gm0rwu

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: Re: Houston BA's
Message-ID: <31A4EFC2.65C1@ghgcorp.com>

a Hagen wrote:

Hi Arni... I don't personally don't know of any... I am going to cc:
this to the Boatanchors list 'cause I know there are several members who
live in/near Houston who might... Can anyone help? Phil? Al? Any
ideas?

73,
Ben

> >Coming to see the grand kids in Katy this weekend. Is there an interesting
> BA store near Houston?
>
> Thanks Arni W5SR0
> Arnulf P. Hagen, Professor
> 405-325-2827
> 405-325-6111 FAX
> aphagen@uoknor.edu
> Pager 405-630-1618 (alphanumeric if you have the ATT software)
> Home 405-899-4726

--

=====
+ Benjamin D. Hall, Houston Texas +
+ BDHall@GHGCorp.com BHall@GP802.JSC.NASA.gov +
=====

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Al Klase <alklase@postoffice.ptd.net>
Subject: HP200 CD Bulbs
Message-ID: <199605231828.0AA07370@ns1.ptd.net>

Well, I needed a diversion, so I went down to the shop and poked
around my 200CD. My bulbs are labled "G-E BA/S6 12V". However, these are
200+ volt bulbs. They draw about 50ma at 220V. (Sneaked up on them with a
bench supply.) That calc's out to 11 watts. Cold resistance is 473 ohms.
These bulbs have an S6 (3/4 inch) envelope and a candalabra screw
(night-light size) base.

One of my old catalogs shows a 10SC6 from Chicago Miniture rated at
10W/230V. I think my next stop would be an electrical supply joint.
Europeans probably use thes for night lights.

My two cents,
Al Klase - N3FRQ
alklase@postoffice.ptd.net
Flemington, NJ

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: John Shriver <jas@shiva.com>
Subject: Re: HP200 CD Bulbs
Message-ID: <199605232029.QAA20929@shiva-dev.shiva.com>

Looking in my GE Lamp Catalog from 1979, the most likely match is the:
Lamp Ordering Code 10S6/10, Volts: 230 or 250 (I think there are two
versions?). Described as "Clear -- Indicator". That's a 10W bulb
(pretty close to the 11W A1 measured). It is S-6 envelope (that's
6/8" diameter). Has a Candelabra base.

I didn't stumble across my more recent GE Lamp Catalog in a quick
rummage through the basement, but it doesn't look like the thing they
would have discontinued.

Buying it in small quantity may be interesting. The case lot is 240
bulbs!

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: dma@IslandNet.com (Jan Skirrow)
Subject: Re: HP200 CD Bulbs
Message-ID: <m0uMkdU-000VxNC@comm.amtsgi.bc.ca>

> Well, I needed a diversion, so I went down to the shop and poked
> around my 200CD. My bulbs are labeled "G-E BA/S6 12V". However, these are
> 200+ volt bulbs. They draw about 50ma at 220V. (Sneaked up on them with a
> bench supply.) That calc's out to 11 watts. Cold resistance is 473 ohms.
> These bulbs have an S6 (3/4 inch) envelope and a candelabra screw
> (night-light size) base.
> One of my old catalogs shows a 10SC6 from Chicago Miniture rated at
> 10W/230V. I think my next stop would be an electrical supply joint.
> Europeans probably use these for night lights.

They are still available. The 10SC6 from Chicago is listed in the Allied
Electronics catalog, p. 369 at \$1.76 each. 230volts, 10watts, 1500 hours.

Jan Skirrow, VE7DJX
dma@islandnet.com

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: Re: HP200 CD Bulbs
Message-ID: <01I524N8FWUA004R59@ACS.EKU.EDU>

snip - - -

They are still available. The 10SC6 from Chicago is listed in the Allied Electronics catalog, p. 369 at \$1.76 each. 230volts, 10watts, 1500 hours.

snip - - -

Hmmmm - aren't these the ones they use at the El stops for the CTA in Chicago.....??

at last the voltages...

73, A1 N5AIT
modsteph@acs.eku.edu

From boatanchors@theporch.com Thu May 23 13:14:43 1996

From: "Barry L. Ornitz" <u856010@eastman.com>

Subject: Re: HP200CD

Message-ID: <Pine.ULT.3.91.960523100823.9186A-1000000@dua150.kpt.emn.com>

Morris Odell and I have been having a discussion on this Hewlett-Packard oscillator. I noted to him that I had found a local source for the 250 volt, 10 watt bulbs used to stabilize the oscillator. On Thursday, 23 May 1996, Morris Odell wrote back:

> This puzzles me a bit, mine are marked 12V. They are a rather bulbous shape
> with a small Edison screw base and there are 2 in series.

My manual for Morris' unit calls for:

RT1, RT2 Lamp, incandescent: 250 v, 10 w Stock # 2140-0007

with GE Miniature Lamp Division as the suggested manufacturer. In the manual for the earlier model (using 6SH7 & 6AU5), the manual calls for:

R13, R14 Lamp, incandescent: 250 v, 10 w Stock # 211-29 (also GE).

The manual for the 200B, a singled-ended version with less range (no push-pull oscillator or output) calls for a 120 v, 3 w lamp.

It is interesting he should ask this because a friend who works at a different division of HP sent me some lamps once that he said were for the HP200CD. These were also marked 12V. What is really needed is a pair of lamps with a series resistance of approximately 3.8 Kohms at the voltage of the oscillator. Making the assumption that the "cold" resistance is about half(*) the resistance or a normally operating bulb (+/-) each bulb

should then be about 3.8 K with 12 volts across it. Such a bulb would draw only 3 mA and I know of no 12 volt lamps with normal currents that low. I am guessing the 12V is a name code for the bulb, not its voltage rating.

I may be completely off base here, so if anyone knows for sure, please let Morris and I know.

(*) The hot resistance to cold resistance ratio of a tungsten filament is normally higher than this, which would mean at 12 volts, the bulb would draw even less current. A 10 w, 250 v lamp draws 40 mA operating current at full voltage and presents a resistance of 6.25 Kohms. This seems like a reasonable choice here.

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: flegler@pilot.msu.edu (Stanley L. Flegler)
Subject: HRO-500's FS in Yellow Sheets
Message-ID: <199605231221.IAA80975@pilot10.cl.msu.edu>

Several people responded to my posting concerning the ad I saw in the Ham Trader Yellow Sheets listing new in the box HRO-500's for sale. The ad reads "National HRO-500's new in factory sealed boxes never opened Guaranteed Perfect. "Late Series," Rick 617/233-1414 late eves." I do not know this individual and have never dealt with him. I often see his ads where he has National stuff for sale and interesting military items like two R-390A's with military diversity adapter in original military cabinet. 73 Stan K8RPA, flegler@pilot.msu.edu

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Andy Wallace <wallace@mc.com>
Subject: Re: HRO-500's FS in Yellow Sheets
Message-ID: <9605231950.AA01308@taku>

----- Begin Included Message -----

From: flegler@pilot.msu.edu (Stanley L. Flegler)
Subject: HRO-500's FS in Yellow Sheets

Rick 617/233-1414 late eves." I do not know this individual and have never dealt with him.

----- End Included Message -----

This is WA1DEJ. He shows up at the usual New England fleas. Some BAers have had dealings with him, but I have only bought a few things (Drake 2-A/2-AQ, CV-591A SSB adapter) from him in person -- and the price and condition were good. But caveat emptor. I'd sure like to see the stuff he KEEPS! :-)

--Andy
wallace@mc.com

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: RSmall01@aol.com
Subject: Re: HRO-500's FS in Yellow Sheets
Message-ID: <960523212746_541603510@emout13.mail.aol.com>

In a message dated 96-05-23 16:14:10 EDT, wallace@mc.com (Andy Wallace) writes:

>Rick 617/233-1414 late eves." I do not
>know this individual and have never dealt with him.
>
>

I have met Rick several times at NE hamfests. Last month, I purchased a "like new" Apache from him. I found the unit to be as he represented. He followed thru on every promise and I consider him to be trustworthy and a pleasure to do business with.

73 Dick, N1WJP

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Andy Wallace <wallace@mc.com>
Subject: Japanese STAR ST-700 rig?
Message-ID: <9605232357.AA02944@daffy>

Just worked a G3 station in Reading, England, on 40m CW. He was running a Heath receiver and a Star ST-700 transmitter. He said the Star was a Japanese SSB rig with two 6146s in the final. Any of you British blokes want to fill us in on this brand?

I told him about the BA net on 7050, but unfortunately I was caught with my pants down (using the Yaesu FT-301 from about '77). Oh well, it's vintage solid state at least. :-)

73,
--Andy
wallace@mc.com

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: spr@earthlink.net (Scott Robinson)
Subject: Key for sale--re-post
Message-ID: <v01530503adc95c434905@[153.37.85.76]>

This is from rec.antiques.radios+phono. Bug him, NOT ME!

Subject: Does anyone still use Morse Code keys ?
From: Dave Buckmiller, dbuckmil@es.com
From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Key Question
Message-ID: <Pine.SV4.3.91.960523140353.406A-100000@uhunix3>

Please write directly to him - he's not a subscriber:

>My father gave me an old Morse Coding key that I wondered if anyone
>could tell me anything about. It is a Les Logan SpeedX model 500. It is
>in its original box and appears to be unused.
>Are these keys still in use ? what might it be worth ?
>Any information would be appreciated. You can email me at the address
>shown below.
>Thanks, Dave
>* Dave Buckmiller Evans and Sutherland Computer Co.
>* email dbuckmil@es.com
>* phone 801-588-7638

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: rjordan@overlord.dmv.com (Rick David Jordan)
Subject: Looking for a Drake TR4 /C
Message-ID: <199605231953.PAA14686@overlord.dmv.com>

I am looking for a TR4/C (would take a TR4 if no luck with the /C). I plan on using this unit in the garage (my shop :-(), so I'm not looking for a

mint condition unit. The good stuff stays in the house, but I'd like a unit to use for monitoring purposes. If you know of any TR4/C's in 4,5, or 6 (on a scale of 10) shape, please let me know. Also.... you folks that were lucky enough to go to Dayton, keep letting us know what you saw! I enjoy reading what is out there, both in condition and in price. Share you finds! Saw quite a few postings that said a ton of Drake gear was seen. What condition and prices? Thanks!

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Bill Turini <turinib@wdni.com>
Subject: Looking for Dynamotor for BC 348
Message-ID: <199605230024.AA00688@interlock.wdni.com>

A friend of mine picked up a nearly mint BC348 that he wants to get back on the air. He's looking for a dynamotor for it. I think it's the DM28 or such. He had no luck at Dayton. Any leads would be appreciated.

Thanks

Bill

Bill Turini	KA4GAV/7	turinib@wdni.com
h (360) 825-1167		w (206) 924-5890
< -----		>
< Always looking for Signal/One equipment, accessories,		>
< documentation, parts, etc.		>
< -----		>

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: John Kolb <jlkolb@cts.com>
Subject: Re: Mechanical Filter Manufacturers
Message-ID: <Pine.SC0.3.91.960522232832.13908C-100000@sd.cts.com>

On Tue, 21 May 1996, Bill Sorsby wrote:

> >From the rigs I've got I know of two manufacturers for mechanical filters;
> Collins in my R390A and SB-34 and Kokusai in my KW2000B and Lafayette
> HA-350. Does anyone know of other manufacturers of mechanical filters and

In the book "Modern Crystal & Mechanical Filters", IEEE Press, I see filters and articles written by employees of:
Zenith, Motorola, RCA, Collins, Telefunken, Siemens, NTT (Nipon Telephone & Telegraph), Telettra S.p.A. (Italy), NEC, Fujitsu.

John Kolb KK6IL

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: "Cathy Elizabeth D'Entremont" <cdent@tenet.edu>
Subject: Model 28 KSR ?
Message-ID: <Pine.OSF.3.91.960522220956.17054A-1000000@alpha.tenet.edu>

Hey Ya'll:

I'm almost afraid to ask; but does anybody know the shipping weight on one of these puppies? I'm on a save the orphans from the landfill mission and if its feasible I'll do it; if not, I'll pass along the contact info to see that it goes to a good home.
73, Gerald

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: "Barry L. Ornitz" <u856010@eastman.com>
Subject: Murata-Erie Ceramic Filters
Message-ID: <Pine.ULT.3.91.960522194018.6097C-1000000@dua150.kpt.emn.com>

Dale Braun mentioned using an inexpensive Murata-Erie ceramic filter in his receiver. This company makes an entire line of filters and their high end devices have fairly good specs. However the only ones I have ever seen for sale in the USA are the filters designed for CB radios. These filters do not have the ultimate rejection that mechanical or quartz crystal lattice filters do, usually about 40 to 45 dB compared to 60 to 80 dB, but a pair in series can go a long way in improving the selectivity of an old receiver. These are low-impedance filters, however. Termination impedance is typically 1500 to 2000 ohms. The older Collins filters were designed to feed into the grid resistance of the next stage and expect to see a very high impedance.

For only a few dollars from companies like Digi-Key, they are certainly worth experimenting with.

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Spencer Petri <spetri@e-tex.com>
Subject: My Stuff!
Message-ID: <m0uMemy-0002gHC@e-tex.com>

Being a new guy on the block here are my BA Bona Fides.

BC-348-R
BC-348-K
SP-600-JX
R-390A
National NC-303
Eddystone 770R (19-165MC AM/FM)
Halli. S-36
Collins ARR-15 (51H2) 2 ea.
Heath Seneca 2ea.
CE 20A/BC-458 VFO
DX-100B
DX-60/HG-10B VFO
Globe King 500B
National NCX-5
CE 100V
KnightKit TR-106/VFO
Misc. ARC 5's

Bound to have forgotten something.

Also HB and other stuff.

73 de Pete WA5JCI EM21

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: berg stephen erik <z931086@corn.cso.niu.edu>
Subject: National Receivers
Message-ID: <Pine.3.89.9605221925.A27294-01000000@corn.cso.niu.edu>

I have always admired National equipment. Back when I was running my Knight t-60 and BC-455 rig as a novice, one of my friends across town had an HRO-50. It really impressed me. I searched for one, and since they were rare, I had to settle for a NC-155. I later found an HRO-50T1, and bought it. I gave years of great service and the transformer blew up. I was despondent. I could not bear to throw it out, so it has sat in my parents garage, partly assembled for 20 years. Now that Peter Dahl has replacement units, I'm going to restore that one. I found another HRO-50 at the Wheaton Illinois hamfest a few years later. It was at the far, end quonset hut. I bought the whole shebang for \$140. Then, I carried that radio, along with the coils, and the speaker, all the way to the far end of the parking lot. This may explain my 39 inch sleeve length. I was too happy to care. Later, I found a NC-300. Then when I came back from my New England Exile, I went to the Wheaton ham fest once again. I was looking for a NCX-3 transceiver. I saw a NCX-5 sitting on a table with

several guys looking at it. One said that these old clunkers had drifty vfo's. I asked them to please step aside, and bought it for \$130. The fellow threw in a Turner microphone, and even helped carry the rig out to my car. I have added a mint NCX-3 to the pile too. Last year I found a nice NC-270 receiver. The NC-270 is not as good as I thought it might be, although it still works fairly well. It is not in the same league as the two transceivers. My NCX-5 is a later model with the sand balanced modulator. It still works great, and I have used it a great deal. I would use it more, but I live in a TV fringe area, and the National runs enough power to really mess up the mast mounted TV preamps so popular here. That is why I usually use the Ten Tec Argonaut 2 on HF. I have gotten many excellent reports on the NCX-5 and will give it a lot more use once I move out of here after grad school. I have used the NCX-3 a few times and it gets out very well. Mine is an early model with no RIT. It has garnered some nice comments on the air too. I have always had a soft spot for National equipment. I have owned Hallicrafters radios, notably for VHF AM, and they are decent. I have never owned anything by Hammarlund or Collins. With all due respect to Cedar Rapids, I do not think that the KWM2 would be any great improvement over my NCX-5. This makes it all the easier for all you Collins buffs to collect their products! I stick with National and Clegg equipment for the most part, although I am in the process of restoring a nice Johnson Thunderbolt linear. That should vaporize those lousy TV preamps when I get that baby fired up. I was very sad to see National go under. They made some excellent equipment over the years. Am I a Luddite, or overcome with nostalgia for my misspent youth? No, not really. The test of any technology is whether it can do the job you want done, well enough to satisfy you. My tube oriented equipment can certainly do that. Perhaps if I were a big gun contest oriented fellow, I would be more interested in the latest equipment, but as things stand, my collection of ancient radios do the job for me.

73,

Steve WA9JML

z931086@corn.cso.niu.edu

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Morris Odell <morriso@vifp.monash.edu.au>
Subject: Re: Neon
Message-ID: <199605230102.LAA22048@vifp.monash.edu.au>

Hi Bob es gang,

Regarding light sensitive neon lamps..

> . As soon as the
> lights come up, they assume full brilliance. Apparently, a few extra
> photons help excite the gas enough to lower the ionization point.
>
This effect has been exploited to control the firing point of a neon. I
have a Singer panoramic adaptor in which the sweep triggering is effected
by sending a sync pulse to a conductive coating on a neon tube. The trigger
sensitivity is adjusted by varying the voltage to a small light bulb
shining on the neon tube , controlled by a front panel control.

I must say I thought it was pretty sloppy engineering when I saw it, but it
works well.

73

Morris Odell VK3DOC Melbourne, Australia
morriso@vifp.monash.edu.au
<http://www.vifp.monash.edu.au/CFM/staff/mo.html>

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Spencer Petri <spetri@e-tex.com>
Subject: Old scopes never die!
Message-ID: <m0uMciC-0002fEC@e-tex.com>

At the monthly first sat. Dallas sidewalk sale the 500 series Tek. scopes
disappeared about 3 years ago. They were going for the huge amount of \$10.
Too bad I didn't get some spares. Plug-ins are still occasionally found at \$2
or \$3.

73 de Pete WA5JCI EM21

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: Re: Old scopes never die!
Message-ID: <199605231839.NAA19880@dlep1.itg.ti.com>

At 11:04 AM 5/23/96 -0500, Pete WA5JCI, wrote:
>At the monthly first sat. Dallas sidewalk sale the 500 series Tek. scopes
>disappeared about 3 years ago. They were going for the huge amount of \$10.

Yeah, and the RM15 I bought at auction two weeks ago cost me \$15! I'm sure

it's got at least \$15 worth of tubes in it. If I'm really lucky, the CRT in it will be bad and I can strip it for parts. Otherwise, I'll just have to keep it until I can find someone else who wants it. (Darned, I hate these dilemmas of conscience. ;-)

Regards,
Bill Sorsby, N5BU

bill.sorsby@dlep1.itg.ti.com
Views expressed herein are no one's fault but mine.

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Andy Wallace <wallace@mc.com>
Subject: Phooey! My TR-3 filaments just died!
Message-ID: <9605230133.AA02275@daffy>

Subject says it all. I was using the TR-3 a couple of days ago and was making contacts, no problems, shut down for the night.

Turned it on just now -- took me a minute to realize I didn't have any dial lights....or filaments! Voltage regulator tube in the TR-3 is lit, xfmr in the AC-3 has a slight hum as usual but nothing unusual (heat) otherwise. Fuse did not blow. I am heading for bed otherwise I would open up the Jones connector to see if a conductor broke loose (seems like it's held together funny...do these things just snap apart?).

Filaments are in parallel in the rig, of course.

Anyone been down this road before? I don't just want to plunk my AC-4 into the rig without doing something sensible. (That might be to short the switching contacts on the Jones plug and see if the AC-3 is putting out 12VAC juice. Hate to think of it, but how tough is that winding to get at if the xfmr is open?

73 though I'm bummed,
--Andy
wallace@mc.com

P.S. No bad smells in the rig/ps either.

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: "Ladies' Home Journal" <lhj@mdp.com>
Subject: PLEASE DO NOT TRASH THIS! -Reply

Thank you for offering to give us the names of 20 women ham radio operators who might be possible subjects to profile for an article. I have forwarded your message along to the appropriate editor who makes such decisions. We give all articles due consideration.

-----63FA5DF2390E--

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: RNickels@smtpmail.micro.honeywell.com (Nickels, Bob)
Subject: Potted transformers
Message-ID: <1996May23.154300.1650.114097@smtpmail.micro.honeywell.com>

Good news and bad news: one of the Heath W4AM amplifiers I found last weekend is fine - the other has a shorted B+ secondary on the power transformer. While I'm OK with historic mono for now, I'm thinking it wouldn't be impossible to repair or replace this transformer. But the whole works is potted in a metal can with some tarry-looking goop (same as my Apache), and I'm wondering if anyone knows how to get it out? Boiling water, maybe?

Any suggestions from someone who's been there and done that would be appreciated!

73, Bob KE0T
rnickels@micro.honeywell.com

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: john <johnmb@nando.net>
Subject: Re: Potted transformers
Message-ID: <199605232129.RAA01058@parsifal.nando.net>

At 03:47 PM 5/23/96 -0500, you wrote:

>

>Good news and bad news: one of the Heath W4AM amplifiers I found last weekend is fine - the other has a shorted B+ secondary on the power

>transformer. While I'm OK with historic mono for now, I'm thinking it
>wouldn't be impossible to repair or replace this transformer. But the
>whole works is potted in a metal can with some tarry-looking goop (same as
>my Apache), and I'm wondering if anyone knows how to get it out? Boiling
>water, maybe?

I tried doing a postmortem on the Marauder potted choke that
opened up several weeks ago, and boiling water didnt even seem to
soften it!

I'll await some sage advice from the experts! :-)
/john

John Brewer johnmb@nando.net
WB50AU/4 AMI #24
Vintage Gear web page: <http://www.zynet.com/~johnb>

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: R-484/APR-14 Airborne Panoramic Search Receiver
Message-ID: <31A4F446.E2C@ghgcorp.com>

Hello Gang...

Just wondering if anyone out there had any experiances with the
R-484/APR-14 Airborne Panoramic Search Receiver as seen on page 24 of
the Fair Radio Catalog...

Seems like a really interesting radio, given that it has the panoramic
adapter built right into it. Problem is that it needs 115 VAC at 380 Hz
plus and 28volts. Inverters for 400 Hz are too expensive.

Anyone have any idea how easy or hard it would be to rip out the AC
transformer and replace it with something 60Hz or build an outboard
power supply for it?

\$210 plus probably \$60 shipping is a little rich for my tastes, plus I
have 2 other projects awaiting attention, but I got to thinking and
thought it might be an interesting discussion topic...

73,
Ben

--

=====

+ Benjamin D. Hall, Houston Texas +
+ BDHall@GHGCorp.com BHall@GP802.JSC.NASA.gov +
=====

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: launerb@crl.com (William H. Launer)
Subject: Re: Receiver Input Impedance
Message-ID: <v01520d00adc9813b4e96@[192.0.2.1]>

My SP-600 manual says the input impedance at the antenna socket is designed to match a 95 Ohm transmission line. No wonder it sounds better with an antenna tuner!

73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arci #3551

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: tomrice@netcom.com (Tom R. Rice)
Subject: Receiver input impedance: again
Message-ID: <199605230139.SAA06634@netcom18.netcom.com>

>
> The other day it hit me, in those days 50 ohm antenna systems and coax were
> virtually unheard of. Open wire line etc. was the thing in those days.
> -----mucho deleted-----
> coil set range, and tuned the receiver to about the same frequency and peaked
> it up. Lo and behold, the Auttek said about 400 ohms.
>

Well, my AR-88 manual says its input Z is 200 ohms,
so, since I'm looking at a remote active antenna with
a 100-meter length of 50 ohm coax down to the shack,
I guess a trip to the Amidon core shop is in order.

But I'm not gonna go into the receiver!

73 de WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

CIS: 71160,1122

From boatanchors@theporch.com Thu May 23 13:14:43 1996

From: Tom.Daley@530.gigo.com (Tom Daley)

Subject: relay: fs: tubes

Message-ID: <be3_9605230932@gigo.com>

please reply to the fellow below - 73

message #207 - HAM Radio For Sale

Date: 05-21-96 22:16:26

From: Jerad Hoff

To: All

Subject: Tubes For sale

TUBES FOR SALE. RCA, Army Surplus

All in thier boxes.

Type	# availble	Type	# availble	Type	# availble
----	-----	----	-----	----	-----
J693	7	102988	1	7B6	1
6AC7W	95	35Z5	1	7F7	1
7V7	50	25Z6	1	VT188	8
1620	22	7K7	8	1LH4	1
7A7	14	12SF7	1	7E6	1
7C7	20	VT193	4	12DQ6A	1
JRC 959	15	12W6	1	7A8	2
VT193	4	7W7	3		
12A8GT	10	50L6GT	1		
35W4	4	7E5	1		
				TOTAL:	278 Tubes

Looking for offer on the whole thing.

Please respond via email. Thank you.

Jerad Hoff

hoffj@mhd1.moorhead.msus.edu

--

: Fidonet: Tom Daley 1:203/530 .. speaking for only myself.

: Internet: Tom.Daley@530.gigo.com

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: w0ogh@ix.netcom.com (Larry Godek)
Subject: RME something
Message-ID: <199605230347.UAA27883@dfw-ix1.ix.netcom.com>

While on my 3 day whirlwind trip to the left coast this past weekend, I appropriated a piece of RME gear that is really in excellent shape. Only thing is is that I don't know what it is.

First of all its RME green. Has the typical RME dial in the middle of the front plate, then 3 controls spaced across the front of it right under the dial, then another control which is evidently a bandswitch cause its marked 1 thru 6. Most of the tag is gone from the back of the unit and the same applies to the information underneath. However I am able to make out the information " Tested on 2/38" on the tag on back of the unit.

Enlarge a Viking VFO all th way around by a factor of 2 and you would pretty well have the dimensions of this unit. Self contained power supply. Any ideas from you RME fans? Not sure if it is a complete unit or some sort of converter and its setting out in the garage where its hot. I'm out of room in the shack so its easier to ask than clean something off the worktable and tear this dude apart.

I solicit your unequaled source of knowledge.

Larry W00GH@ix.netcom.com

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Jim Dillon <beadgal@ptialaska.net>
Subject: Re:RME Something:DB-20
Message-ID: <01BB4824.CDAE5F00@juneau_100.dialups.ptialaska.net>

Hi Larry and Radio Manufacturing Engineers-

I think you have captured the elusive and rare DB-20 preselector for the RME 69 receiver. Couple of 6sk7s and an 80 lurk inside. And it works... or will, no matter how bad it appears. RMEs clean-up and fix-up nicely. I have manual to copy if need. You can use it with any receiver to add pep on high bands and minimize images. Odd that the -69 doesn't even need it-sure would help out later Hallicrafters,etc. These were very popular with mice. But don't do wholesale recap or resist on pre-war RME (or HRO). Good parts.Check for frayed wiring, Deoxit switch. I have a DB-20 and 2 '69s- one with noise silencer, one without. Find a nice

deco Waltham clock to sit next to it and start looking for a -69 (or a -9).
Jim Dillon beadgal@ptialaska.net
(looking for an RME-9 9/D and -99)

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Mitch, WA4OSR <wa4osr@cris.com>
Subject: stolen at dayton

stolen at dayton from the vibroplex booth, an elaborately engraved vibroplex square brass racer, serial number 101000, with 'Mitch' engraved on the top of the vertical block... the key is gold plated, and is obviously very unique... anyone who has any information about the key please contact me at the address below... no questions asked... i just want my key back...

```

mitch
wa4osr

```

```
----- * * * The oldest company in ham radio! * * * -----
Felton "Mitch" Mitchell                                The Vibroplex Co., Inc.
wa4osr@cris.com                                         11 Midtown Park, E.
334-478-8873, FAX 334-476-0465                         Mobile, AL 36606-4141
```

Jeff KH2PZ

From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Stolen Vibroplex
Message-ID: <Pine.SV4.3.91.960522124919.317A-100000@uhunix3>

Two notes: First, Mitch, the owner of Vibroplex has announced his long-awaited new product - the first Vibroplex straight key. Stay tuned for more details.

The second note follows:

----- Forwarded message -----
From boatanchors@theporch.com Thu May 23 02:10:32 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: Re: Stupid Question Department Continued...
Message-ID: <31A39BED.4299@ghgcorp.com>

Just wanted to drop y'all a note of thanks for the info on the S-38B dial lamp/rectifier tube failure...

As usual, I learned something and that makes me happy. May the TubeGods

that be strike me down dead if I ever stop learning!

Thanks and 73,

Ben

--

+ Benjamin D. Hall, Houston Texas +
+ BDHall@GHGCorp.com BHall@GP802.JSC.NASA.gov +

From boatanchors@theporch.com Thu May 23 02:10:32 1996

From: "Benjamin D. Hall" <bdhall@ghgcorp.com>

Subject: Re: Tek 500 scope supply drying up

Message-ID: <31A3A066.2192@ghgcorp.com>

John Shriver wrote:

> 2. The tube ones are being mined for the Telefunken and Amperex tubes
> (12AX7, 6DJ8), which go for \$50 to \$100 in the New York City audio
> salons. The tubeless carcass is dumped in the nearest dumpster.)

You mean those 12AX7's (Amperex, no less!) I got in my tube grab bag at Belton are worth \$50?!?!?! And they cost what, \$3 new when they were made? Hmm, at this rate I am going to retire on my 12AX7 "investment" sometime in the 2020's, heh heh heh...

73,

Ben

--

+ Benjamin D. Hall, Houston Texas +
+ BDHall@GHGCorp.com BHall@GP802.JSC.NASA.gov +

From boatanchors@theporch.com Thu May 23 02:10:32 1996

From: "Allan Fritsche" <fritsche@msn.com>

Subject: Thanks, National Receivers

Message-ID: <UPMAIL03.199605230052010298@msn.com>

Gang, I got plenty of responses that made good sense about why we never talk to much about the NC's, etc. In all honesty I was hoping that the newer units, other than the HRO series would have held there own with the other brands. Now I'am depressed. Probably because, as I wrote, my first was a NC-60.

Because of this group I wont sleep tonite.
Just Kidding.

Thanks Guys and Lady.
Al
fritsche@msn.com

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Andy Wallace <wallace@mc.com>
Subject: TR-3 filaments are fused
Message-ID: <9605232354.AA02939@daffy>

Got several replies to that effect and checked the schematic just now. The fuse is shown near the Jones connector on the drawing. 8A, probably pigtail leads. I guess I will open the rig up over the long weekend and see. The big question is WHY it might have blown!

73,
--Andy
wallace@mc.com

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: "Hal R. Waite" <halwaite@netcom.com>
Subject: TRW Hamfest This Saturday
Message-ID: <Pine.SUN.3.91.960523000601.7968A-100000@netcom20>

I wonder if any list members will be taking boatanchors to this hamfest. I have a near mint NC-183D with matching speaker that I would take down if there is interest. I am also looking for trades for my mint CE 200V (less speech clipper and filter) since I now have an excellent HT-32B matching my SX-115.

The HT-32 was my second purchased transmitter and served well in the wars of the late 50's with the AM guys down on 7205. The excellent crisp audio of this rig with the D-104 mike still gets good reviews on 20 meters.

BTW, the Vintage SSB net seems to have disappeared from the usual frequency on Sunday. Perhaps it was just shoved out by the AMSAT and numerous other nets.

73, Hal K4GFI/7 Las Vegas halwaite@netcom.com

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Richard Biddle <rbiddle@madvax.mo.ti.com>
Subject: TS-323/UR frequency meter schematic
Message-ID: <31A4DFF3.498A@madvax.mo.ti.com>

Anyone happen to have a schematic and/or TM for an RCA model
TS-323/UR heterodyne frequency meter? Will pay copy costs
and postage for same.

Thank you..

--

73 de Richard, KB5WLH << The Internet - CB Radio >>
rbiddle@madvax.mo.ti.com << For The Nineties >>

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: michael.moore@24stex.com
Subject: vibroplex
Message-ID: <9605230800.0B8V200@24stex.com>

>Two notes: First, Mitch, the owner of Vibroplex has announced his
>long-awaited new product - the first Vibroplex straight key. Stay
>tuned for more details.

Great. Now if he will bring back the Blue Racer Deluxe. Happy Happy
Joy Joy.

Mike...

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Steve Ellington <n4lq@iglou.com>
Subject: Re: vibroplex
Message-ID: <Pine.GS0.3.93.960523134638.18156A-100000@iglou>

Don't get me wrong. I like Vibroplex but why can't someone else make a
bug? I know there isn't much demand but I would sure like to see a good
tool maker give it a try. With all the technology we have today, it seems
that we could really make a nice one! Maybe one that makes dashes as well.
What I'm saying is, bugs haven't changed much in 100 years and it's time
for a new concept in mechanical code generation. How about that W9WBL
feller? He makes nice paddles. How about making a bug?

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re: vibroplex
Message-ID: <Pine.SV4.3.91.960523113614.14156A-100000@uhunix3>

Steve, sounds to me like you need to get yourself a Kootie Key (sideswiper). After a few watches in the shack with one of those, you'll think you've died and gone to Heaven with a bug!

Automatic dashes? Pure heresy! Next time we hear of such treason you'll lose a stripe and be keelhauled!

P.S. One of the most beautiful things of owning and using a bug is that it makes one somehow feel very much in touch with all the past telegraphers (landline, shipboard, shoreside, press, military, railroad) that have come before us.

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Sandy Blaize <70401.134@CompuServe.COM>
Subject: Re: vibroplex (& other goodies)
Message-ID: <960523200811_70401.134_IHD134-1@CompuServe.COM>

Ahhh.....another "bug"? There used to be McElroy and his line of "Mac" keys, E. F. Johnson and the SpeedX "bug". It would also be nice to have a really good 'steamer' automobile and some really good electric autos.....why isn't there? Simple: "Demand". It takes a bunch of money these days just to tool up to make something. Then there is engineering costs, even for something simple. You have a plethora of bureaucratic laws, regulations to satisfy, bureaucrats themselves to stroke just the right way, or they throw a gigantic monkey wrench in your plans. After all this harrassment by the governmental busybodies, can we produce and sell enough of our 'widgets' to cover costs and make a profit for all our trouble?

Now you know the answer to TWO things:

- 1.) Why someone doesn't make that neato 'widget' we all think we need.
- 2.) Why all the traditional "blue collar" jobs are moving offshore.

73,

Sandy W5TVW

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: pbock@melpar.esys.com (Paul H. Bock)
Subject: Re: vibroplex (& other goodies)
Message-ID: <9605232035.AA24008@syseng1.se.melpar.esys.com>

Sandy said:

>Ahhh.....another "bug"?

<snip>

>why isn't there? Simple: "Demand". It takes a bunch of money
>these days just to tool up to make something. Then there is engineering
>costs, even for something simple. You have a plethora of bureaucratic
>laws, regulations to satisfy, bureaucrats themselves

<snip>

Sandy's right. How many thousands of dollars would Mitch have to invest in order to produce a line of Blue Racers when the original molds have been lost? Remember, the Blue Racer frame and damper are both *physically smaller* than those used on the Original, even though they look the same. Add to that tooling cost (measured in many thousands of dollars, BTW) the cost of materials, labor cost to manufacture and plate the parts, and the cost to assemble and pack the completed instruments. When you add all that up and divide by what would probably be some reasonable price (say, around \$200 per bug) you find that he'd have to sell *HUNDREDS* of them just to break even. Are there really hundreds of people out there itching to buy a Blue Racer?

If Mitch were to "create" a new model, he'd probably be better off coming out with a new Junior, which was an Original on a 3" x 6" base (I have one, a 1937; arrived yesterday, and I measured the base to be sure - 3" x 6" exactly). So, all Mitch has to do is modify the Original layout to fit on a 3 x 6 base and bingo! - new model. But even *THAT* costs some money to implement (new drilling jig, new contact & insulator strips, etc.).

Me, I'm planning to build my own "custom" Junior.....

Paul, K4MSG

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re: vibroplex (& other goodies)
Message-ID: <Pine.SV4.3.91.960523115449.14156B-100000@uhunix3>

On Thu, 23 May 1996, Paul H. Bock wrote:

> Sandy's right. How many thousands of dollars would Mitch
> have to invest in order to produce a line of Blue Racers when the
> original molds have been lost? Remember, the Blue Racer frame
> and damper are both *physically smaller* than those used on the
> Original, even though they look the same. Add to that tooling cost
> (measured in many thousands of dollars, BTW) the cost of
> materials, labor cost to manufacture and plate the parts, and the
> cost to assemble and pack the completed instruments. When you

Mitch and I have had a few email QSOs regarding his new straight key starting about 2 years ago. Two years for designing, tooling, testing the prototypes, redesigning... And as Paul said, how many do you think he'll sell?

> Me, I'm planning to build my own "custom" Junior.....

I threw together a bug about 20 years ago with the most unusual parts (spring from a ballpoint pen, a piece of springsteel from the pocket clip of an eyeglass case, lead fishing weights, the handle from a large magnifying glass..) - the dang thing worked!

Jeff KH2PZ

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: jolson@intergate.net (James Olson)
Subject: Wanted: HRO 5 Receiver
Message-ID: <199605240227.WAA10275@keystone.intergate.net>

Wanted: National HRO 5 Receiver.

I may have some equipment for trade, although I would like to purchase the receiver outright.

Any leads would be appreciated.

Thanks,

James Olson, N6IF0/4
Powder Springs, GA

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: "Jim Evans:RSE:PK3-1/N85:dtm 223-6277:(508)493-6277 23-May-1996 0854"
<j_evans@proxy.ENET.dec.com>
Subject: wanted: manual for ESI Impedance Bridge 250-DA
Message-ID: <9605231300.AA08293@us4rmc.pko.dec.com>

I picked up an ESI impedance bridge at Rochester a few weeks ago.
Model number 250-DA. The instructions in the cover are pretty well
beat up and hard to read. I'd like to get a manual (or copy) for it
and of course, copying/shipping charges will be reimbursed.

Please send mail to j_evans@proxy.enet.dec.com

Thanks

Jim N1HTS

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: integrat@usr.com
Subject: Wanted: Something to do
Message-ID: <1A4E51C0.@usr.com>

Over this coming Memorial Day weekend, I will be making a road trip to
pick up a submarine anchor out East. I plan to leave Chicago Saturday
morning and get my business done by noon Sunday. After that will be the
long trip home.

I think this trip might get a bit boring...

Are there any interesting boat anchor places I could stop by on my way
home (thru Pennsylvania, Ohio, and Indiana) Sunday afternoon/Monday
morning? Fair will be closed, and I fear just about everything else as
well.

William Donzelli
integrat@usr.com

From boatanchors@theporch.com Thu May 23 22:14:10 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Weak Joke from Al
Message-ID: <UPMAIL03.199605240102070357@msn.com>

Gang , I guess the joke about not needing any filaments to heat the cathode

for emission while having B+ on the plate and screen was a little vague. Crapp
I'm not
Scratchi.

At any rate it is hotter then Heck down here.

From: boatanchors@theporch.com on behalf of Allan Fritsche
Sent: Wednesday, May 22, 1996 7:55 PM
Subject: Does it get Hot in Texas.

Gang, a couple of nites ago, I took my little HR-10B down to the garage work bench. For some reason it would not power up. Alas, after trouble-shooting, I discovered that the 6.3 volt filament portion of the main transformer had opened up. Naturally I disconnected all the leads to the filaments for testing and left them that way until I had time to troubleshoot.

I got another project the next day and had (Horrors of Horrors) to drag the scope out. GOD it was hot in the garage. I did that little project and forgot about the little HR-10B.

After work today, I came home and after letting the Dogs out, decided to go out to the bench for a minute. I thought I was plugging in the scope, but got the cords wrong. Instead I plugged in the HR-10B with no filament voltage.

The radio came up to speed Loud and Clear. It's amazing what a 200 Degree garage will do for a set.

BTW, I plan on leaving this little set in the garage at least thru the summer. Big problem will be aligning with the garage doors closed. May DIE from heat stroke.

Your Friend
Al
fritsche@msn.com

From boatanchors@theporch.com Thu May 23 13:14:43 1996
From: Jack Ray <k4mzw@akorn.net>
Subject: [Fwd: PLEASE DO NOT TRASH THIS! -Reply]
Message-ID: <31A455BA.3D0C@akorn.net>

This is a multi-part message in MIME format.

-----63FA5DF2390E
Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

Received this Wednesday. Maybe something positive will come yet!!

--

MZê

-----63FA5DF2390E

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Received: from chuckie.mdp.com (CHUCKIE.MDP.COM [192.223.4.10]) by paris.akorn.net (8.7.3/8.7.3) with SMTP id PAA23160 for <k4mzw@akorn.net>; Wed, 22 May 1996 15:34:38 -0400 (EDT)

Received: from dsm.mdp.com ([192.223.8.8]) by chuckie.mdp.com (8.6.10/8.6.9) with SMTP id OAA05372 for <k4mzw@akorn.net>; Wed, 22 May 1996 14:34:41 -0500

Received: from mercorp-Message_Server by dsm.mdp.com
with Novell_GroupWise; Wed, 22 May 1996 14:34:38 -0500

Message-Id: <s1a325fe.019@dsm.mdp.com>

X-Mailer: Novell GroupWise 4.1